

CLAIMS:

40. (Amended) A method for making a reshaped human antibody comprising:

(a) providing complementary determining regions derived from a mouse antibody and framework regions derived from a human antibody,

(b) substituting an amino acid residue of position 46 of an L chain numbered according to Kabat is a mouse antibody residue and the reshaped human antibody creates a functional antigen binding site, and

(c) substituting 0-5 amino acid residue(s) on an H chain numbered according to Kabat with a mouse antigen binding site.

48. (Amended) A method for making a single-chain Fv region comprising:

(a) producing a reshaped antibody by substituting an amino acid residue on position 46 of an L chain V region numbered according to Kabat, as a mouse antigen binding site and by substitution 0-5 amino acids on the H chain V region, numbered according to Kabat, with a mouse antigen binding site,

(b) linking the L chain V region and the H chain V region with a linker peptide, and

(c) combining identified complementary determining regions from a mouse antibody and framework regions derived from a human antibody, wherein an amino acid residue 46 of L chain V region numbered according to Kabat is a mouse residue and the single chain Fv region creates a functional antigen binding site.